

## EAST Search History

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
S1	67	(128/201.17).CCLS.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2006/04/18 11:54
S2	430	(128/201.25).CCLS.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2006/04/18 11:54
S3	27	("2631287"   "2799862"   "2918060"   "3310811"   "3528415"   "4090509"   "4709696"   "4764990"   "4870959"   "5235972"   "5261398"   "5349949"   "5421326"   "5549104"   "5628308"   "5653225"   "5682879"   "5704073"   "5823188"   "6302103"   "6681765"   "6817358").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2006/04/18 11:57
S4	38	("1200528"   "1443820"   "1800051"   "1856879"   "2295279"   "3058463"   "3315674"   "4141703"   "4231118"   "4382440"   "4537748"   "5038768"   "5058578"   "5115804"   "5237986"   "5328758").PN. OR ("5452712"). URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2006/04/18 13:44
S5	369	(128/205.27).CCLS.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2006/04/18 14:30
S6	2	("4870959").PN.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2006/04/18 14:32
S7	29	("3789839"   "4231118"   "4411023"   "4583535").PN. OR ("4870959"). URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2006/04/18 14:51
S8	241	(128/205.28).CCLS.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2006/04/18 14:57
S9	283	(128/205.29).CCLS.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2006/04/18 15:12

## EAST Search History

S10	351	(128/206.12).CCLS.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2006/04/18 15:24
S11	219	(128/206.15).CCLS.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2006/04/18 15:28
S12	103	(128/206.16).CCLS.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2006/04/18 15:38
S13	252	(128/206.17).CCLS.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2006/04/18 15:44
S14	50	("4870959" "5628308" "5823188" "6371116" "4807614" "5640952" "5690095" "6302103" "5240479" H001316 "4889113" "4430995" "5875775" "5186165" "4352353" H000823 "4404969" "5007421" "5852827" H001361 "4154235" "4467795" "4508115" "4601287" "4771771" "4886056" "5022900" "5027807" "5265280" "5540218" "5577496" "5689833" "5720281" "5836303" "5878742" "5996580" "6158429" "6176239" "6450165" "6701919" "6701925" "6892725" "4453529" "5322495" "4754751" "5315987" "4287238" "4860382" "5221572" "5275154").pn.	USPAT	OR	OFF	2006/04/18 15:48
S15	50	("5453314" "5809572" "4466432" "4764990" "5652963" "4292016" "4317014" "4363838" "4373130" "4761032" "4972520" "4998296" "5024259" "5212854" "5290618" "5400932" "5533222" "5624030" "5717990" "5845565" "6148999" H000805 "5181506" "5515846" "5625902" "6997179" "4444183" "4896665" "6068322" "4895143" "5265592" "4003378" "4119097" "4294243" "4318337" RE31424 "4619269" "4949714" "4951660" "5318020" "5803076" "6208897" "6247470" "6248068" "6263874" "6279571" "6543450" "6553256" "6602209" "6666209").pn.	USPAT	OR	OFF	2006/04/18 15:50

## EAST Search History

S16	50	("6763835" "7007690" "5322060" "4133308" "4296746" "4966140" "5431156" "5549104" "5839432" "6817358" "4557687" "4572062" "4628897" "4854949" "4902316" "4793342" "4252054" "4340029" "6041778" "6681765" "4300511" "4350504" "4382440" "4504290" "4869446" "4989579" "5350444" "5542901" "5896579" "6053161" "6138661" "6474312" "6792625" "4328798" "4590951" "4787105" "5201309" "5806515" "5816906" "5943716" "6119689" "4291417" "4519098" "4867746" "3672069" "3789839" "4243904" "4272853" "4284969" "4291743").pn.	USPAT	OR	OFF	2006/04/18 15:52
S17	50	("4294483" "4315529" "4332266" "4336073" "4349092" "4360151" "4365120" "4369845" "4408356" "4417678" "4428447" "4434940" "4440111" "4449801" "4453276" "4455687" "4462117" "4502196" "4502157" "4508809" "4535313" "4537486" "4543754" "4554683" "4555609" "4576459" "4590919" "4598725" "4609519" "4612981" "4619344" "4628185" "4628623" "4757832" "4771513" "4773102" "4777344" "4783352" "4790128" "4791418" "4792175" "4802424" "4805267" "4807927" "4815236" "4819790" "4831981" "4867680" "4867866" "4867929").pn.	USPAT	OR	OFF	2006/04/18 15:58
S18	8	hood and valve and filter and stretch and coal	US-PGPUB; USPAT	OR	OFF	2006/04/18 15:59
S19	238	valve and filter and stretch and coal	US-PGPUB; USPAT	OR	OFF	2006/04/18 16:00
S20	1	valve and filter and stretch and coal and "128"/\$.ccls.	US-PGPUB; USPAT	OR	OFF	2006/04/18 16:00
S21	13	valve and filter and coal and "128"/\$.ccls.	US-PGPUB; USPAT	OR	OFF	2006/04/18 16:00

## EAST Search History

S22	21	(US-20050121029-\$ or US-20030131846-\$).did. or (US-5452712-\$ or US-6134716-\$ or US-4870959-\$ or US-5875775-\$ or US-6371116-\$ or US-6763835-\$ or US-5158077-\$ or US-5052385-\$ or US-4754751-\$ or US-5080094-\$ or US-2744525-\$ or US-2269461-\$ or US-5240479-\$ or US-4592350-\$ or US-4179274-\$ or US-2744524-\$ or US-2744523-\$ or US-4807614-\$ or US-6817358-\$).did.	US-PGPUB; USPAT	OR	OFF	2006/04/18 16:00
S23	0	S22 and coal	USPAT	OR	OFF	2006/04/18 16:01
S24	0	S22 and coal	USPAT	OR	OFF	2006/04/18 16:01
S25	17	"4233970"	USPAT	OR	OFF	2006/04/19 10:29
S26	30	("2262522"   "2296338"   "3043302"   "3250292"   "3562813"   "3618689"   "3762407"   "3911914"   "3976063"   "3976067").PN. OR ("4233970").URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2006/04/19 10:32
S27	28	"4870959"	US-PGPUB; USPAT; USOCR	OR	OFF	2006/04/19 10:38
S28	45	"5140980"	US-PGPUB; USPAT; USOCR	OR	OFF	2006/04/19 11:08
S29	10	("3957044"   "5016625"   "5140980"   "5669375"   "5875775"   "5884336"   "6158429"   "6763835"   "6834646"   "H001316").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2006/04/19 11:04
S30	11	("1041610"   "2800901"   "4352353"   "5113854"   "5263477"   "6158429"   "6176239"   "6340024"   "H001316").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2006/04/19 11:05
S31	25	("4411023"   "4768235"   "4807614"   "4870959"   "4896665"   "4935966"   "5016625"   "5113527"   "5146636"   "5392465"   "5452712"   "5526804"   "5617849"   "5653225").PN. OR ("5875775").URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2006/04/19 11:06
S32	15	"5875775"	US-PGPUB; USPAT; USOCR	OR	OFF	2006/04/19 11:09
S33	15	"6055983"	US-PGPUB; USPAT; USOCR	OR	OFF	2006/04/19 11:12

## EAST Search History

S34	9	("4179274"   "5240479"   "6016804"   "6044842"   "6055983"   "D310585"   "D421116"   "D433751"   "D434493").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2006/04/19 11:09
S35	25	("4179274").URPN.	USPAT	OR	OFF	2006/04/19 11:10
S36	18	"6158429"	US-PGPUB; USPAT; USOCR	OR	OFF	2006/04/19 11:12
S37	29	("1845460"   "2821192"   "4231118"   "4382440"   "4677976"   "4761324"   "4807614"   "4932078"   "5016625"   "5119808"   "5140980"   "5625902"   "5651810"   "5714126"   "5875775"   "H000863"   "H001360").PN. OR ("6158429").URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2006/04/19 11:14
S38	30	(US-20050121029-\$ or US-20030131846-\$).did. or (US-6763835-\$ or US-5080094-\$ or US-4870959-\$ or US-2744525-\$ or US-5875775-\$ or US-4179274-\$ or US-5158077-\$ or US-4754751-\$ or US-2744523-\$ or US-5052385-\$ or US-2744524-\$ or US-2269461-\$ or US-6371116-\$ or US-5452712-\$ or US-5240479-\$ or US-4807614-\$ or US-4592350-\$ or US-6817358-\$ or US-6134716-\$ or US-5526804-\$ or US-4233970-\$ or US-6907878-\$ or US-5140980-\$ or US-6055983-\$ or US-6016804-\$ or US-5797974-\$). did. or (US-5776213-\$ or US-6158429-\$).did.	US-PGPUB; USPAT	OR	OFF	2006/04/19 13:52
S39	0	S38 and coal	US-PGPUB; USPAT	OR	OFF	2006/04/19 13:53
S40	9	S38 and charcoal	US-PGPUB; USPAT	OR	OFF	2006/04/19 14:06
S41	4	S40 and fire	US-PGPUB; USPAT	OR	OFF	2006/04/19 14:07
S42	16	"5452712"	US-PGPUB; USPAT	OR	OFF	2006/04/19 17:23
S43	45	"5140980"	US-PGPUB; USPAT	OR	OFF	2006/04/19 17:23

## EAST Search History

S44	30	(US-20050121029-\$ or US-20030131846-\$).did. or (US-6763835-\$ or US-5080094-\$ or US-4870959-\$ or US-2744525-\$ or US-5875775-\$ or US-4179274-\$ or US-5158077-\$ or US-4754751-\$ or US-2744523-\$ or US-5052385-\$ or US-2744524-\$ or US-2269461-\$ or US-6371116-\$ or US-5452712-\$ or US-5240479-\$ or US-4807614-\$ or US-4592350-\$ or US-6817358-\$ or US-6134716-\$ or US-5526804-\$ or US-4233970-\$ or US-6907878-\$ or US-5140980-\$ or US-6055983-\$ or US-6016804-\$ or US-5797974-\$). did. or (US-5776213-\$ or US-6158429-\$).did.	US-PGPUB; USPAT	OR	OFF	2006/04/19 17:26
S45	6	S44 and chamber	USPAT	OR	OFF	2006/04/19 17:26
S46	1	exhalation and valve and filter and coal and cannister	USPAT	OR	OFF	2006/04/19 17:50
S47	3	exhalation and valve and filter and coal and housing	USPAT	OR	OFF	2006/04/19 17:51
S48	45	exhalation and valve and filter and charcoal and housing	USPAT	OR	OFF	2006/04/19 17:51
S49	29	exhalation and valve and filter and charcoal and housing and "128"/\$. ccls.	USPAT	OR	OFF	2006/04/19 17:53
S50	70	exhalation and valve and filter and charcoal and "128"/\$.ccls.	USPAT	OR	OFF	2006/04/19 17:53
S51	0	"58755775"	USPAT	OR	OFF	2006/04/19 18:15
S52	12	"5875775"	USPAT	OR	OFF	2006/04/19 18:23
S53	27	"4179274"	USPAT	OR	OFF	2006/04/19 18:23
S54	31	(US-20050121029-\$ or US-20030131846-\$).did. or (US-6763835-\$ or US-5080094-\$ or US-4870959-\$ or US-2744525-\$ or US-5875775-\$ or US-4179274-\$ or US-5158077-\$ or US-4754751-\$ or US-2744523-\$ or US-5052385-\$ or US-2744524-\$ or US-2269461-\$ or US-6371116-\$ or US-5452712-\$ or US-5240479-\$ or US-4807614-\$ or US-4592350-\$ or US-6817358-\$ or US-6134716-\$ or US-5526804-\$ or US-4233970-\$ or US-6907878-\$ or US-5140980-\$ or US-6055983-\$ or US-6016804-\$ or US-5797974-\$). did. or (US-5776213-\$ or US-6158429-\$ or US-5505197-\$). did.	US-PGPUB; USPAT	OR	OFF	2006/04/19 18:38

## EAST Search History

S55	15	S54 and cross	USPAT	OR	OFF	2006/04/19 18:58
S56	16	"5452712"	USPAT	OR	OFF	2006/04/19 19:04
S57	246	valve and cartridge and filter and "128"/\$.ccls.	USPAT	OR	OFF	2006/04/19 19:14
S58	128	valve and filter and "128"/\$.ccls. and charcoal	USPAT	OR	OFF	2006/04/19 19:18
S59	97	valve and filter and "128"/\$.ccls. and charcoal and (mask or hood)	USPAT	OR	OFF	2006/04/19 19:18
S60	21	("4793342").URPN.	USPAT	OR	OFF	2006/04/19 19:29
S61	487515	filter and exhalation valve	USPAT	OR	OFF	2006/04/19 19:29
S62	8395	filter and exhalation valve and "128"/\$.ccls.	USPAT	OR	OFF	2006/04/19 19:29
S63	333	filter and (exhalation adj valve) and "128"/\$.ccls.	USPAT	OR	OFF	2006/04/19 19:29
S64	249	filter and (exhalation adj valve) and "128"/\$.ccls. and (hood or mask)	USPAT	OR	OFF	2006/04/19 19:29
S65	23	("2072516"   "2230770"   "2895472"   "3557265"   "3983900"   "3994319"   "4306584"   "4630604"   "4934362"   "5285816"   "5325892"   "5355910"   "5509436"   "5687767"   "5829433"   "6047698"   "6210266"   "6584976"   "RE37974").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2006/04/19 19:30
S66	1	("5186165").PN.	USPAT; USOCR	OR	OFF	2006/04/20 08:30
S67	16	("0703948"   "1929343"   "2610624"   "3548823"   "3773043"   "4036224"   "4614186"   "5086768"   "5386825"   "5771885"   "6550479"   "D325780").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2006/04/20 08:44
S68	18	"2269461"	USPAT; USOCR	OR	OFF	2006/04/20 10:40
S69	34	("2199231"   "2810386"   "2821192"   "2939458"   "4215437"   "4402316"   "4572178"   "4590951"   "4595003"   "4739755"   "4771771"   "4787925"   "5140980"   "5357947"   "5394870"   "5431156"   "5452712"   "5499624"   "5549104"   "5653225"   "5664566"   "5666949"   "6158429"   "6176239"   "6328031"   "H000397"   "H000863"   "H001316"   "H001360"   "H001361").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2006/05/01 09:53

## EAST Search History

S70	26	("2631287"   "2799862"   "2918060"   "3310811"   "3528415"   "4090509"   "4709696"   "4764990"   "4870959"   "5235972"   "5261398"   "5349949"   "5421326"   "5549104"   "5628308"   "5653225"   "5682879"   "5704073"   "5823188"   "6302103"   "6681765").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2006/05/01 10:35
S71	482	"128"/\$.ccls. and (valve same cartridge)	US-PGPUB; USPAT; USOCR	OR	OFF	2006/05/01 10:36
S72	23	("4630604").URPN.	USPAT	OR	OFF	2006/05/01 10:58
S73	44	(US-20050121029-\$ or US-20030131846-\$ or US-20040025880-\$).did. or (US-2269461-\$ or US-6907878-\$ or US-6817358-\$ or US-6763835-\$ or US-6158429-\$ or US-5875775-\$ or US-5526804-\$ or US-5452712-\$ or US-5140980-\$ or US-5186165-\$ or US-4870959-\$ or US-4807614-\$ or US-4754751-\$ or US-5505197-\$ or US-5240479-\$ or US-5797974-\$ or US-5776213-\$ or US-4179274-\$ or US-2744523-\$ or US-6134716-\$ or US-6371116-\$ or US-6216693-\$ or US-5158077-\$ or US-5052385-\$ or US-5080094-\$ or US-6016804-\$). did. or (US-5941244-\$ or US-6055983-\$ or US-4793342-\$ or US-2744525-\$ or US-4592350-\$ or US-2744524-\$ or US-4233970-\$ or US-7007690-\$ or US-6783566-\$ or US-6758212-\$ or US-5226412-\$ or US-4630604-\$ or US-5372130-\$ or US-4873972-\$).did. or (EP-558147-\$).did.	US-PGPUB; USPAT; EPO	OR	OFF	2006/05/01 11:10
S74	0	S73 and coal	USPAT	OR	OFF	2006/05/01 11:10
S75	14	S73 and charcoal	USPAT	OR	OFF	2006/05/01 11:11
S76	26	("2631287"   "2799862"   "2918060"   "3310811"   "3528415"   "4090509"   "4709696"   "4764990"   "4870959"   "5235972"   "5261398"   "5349949"   "5421326"   "5549104"   "5628308"   "5653225"   "5682879"   "5704073"   "5823188"   "6302103"   "6681765").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2006/05/01 11:43
S77	9	("4592350").URPN.	USPAT	OR	OFF	2006/05/01 12:00



## EAST Search History

S78	247	("0476486"   "0706015"   "1048135"   "1317947"   "1410928"   "1453365"   "1488970"   "1491674"   "1679839"   "1710160"   "1730227"   "1789262"   "1821996"   "1843446"   "1963874"   "2000064"   "20010013347"   "2019928"   "2035097"   "2053896"   "2055853"   "2065304"   "2067822"   "2070241"   "2106795"   "2111995"   "2112270"   "2115946"   "2120230"   "2120231"   "2122111"   "2139137"   "2153437"   "2195563"   "2199230"   "2199231"   "2201315"   "2213433"   "2227959"   "2235624"   "2238964"   "2261362"   "2264829"   "2295119"   "2295296"   "2312714"   "2337232"   "2435721"   "2505173"   "2534720"   "2578007"   "2652828"   "2664887"   "2668532"   "2706983"   "2740400"   "2744523"   "2744524"   "2744525"   "2751904"   "2791216"   "2823671"   "2845926"   "2845927"   "2894508"   "2898908"   "3018776"   "3072119"   "3118445"   "3142549"   "3161491"   "3216415"   "3249106"   "3307543"   "4088461"   "4154586"   "4179274"   "4294599"   "4304230"   "4334901"   "4414973"   "4453544"   "4467795"   "4501272"   "4505310"   "4520509"   "4548626"   "4549543"   "4562837"   "4573464"   "4579113"   "4592350"   "4595003"   "4628927"   "4630604"   "4674492"   "4677976"   "4686976"   "4688567"   "4714486"   "4771771"   "4793342"   "4807614"   "4832011"   "4832018"   "4850346"   "4856508"   "4865637"   "4881538"   "4886058"   "4932399"   "4934361"   "4945907"   "4961420"   "5018518"   "5033507"   "5036844"   "5062421"   "5063926"   "5069205"   "5086768"   "5104430"   "5140980"   "5148803").PN. OR ("5181507"   "5222488"   "5224473"   "5224474"   "5297544"   "5303701"   "5331957"   "5353789"   "5357947"   "5372130"   "5404874"   "5411021"   "5411057"   "5413097"   "5427092"   "5450844"   "5478377"   "5503141"   "5505197"   "5535736"   "55579761"   "55597937"   "55595173"	US-PGPUB; USPAT; USOCR	OR	OFF	2006/05/01 13:10
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## EAST Search History

S79	47	"128"/\$.ccls. and hood and cartridge and filter and valve	US-PGPUB; USPAT; USOCR	OR	OFF	2006/05/01 13:14
S80	258	"128"/\$.ccls. and hood and filter and valve	US-PGPUB; USPAT; USOCR	OR	OFF	2006/05/01 13:15
S81	47	"128"/\$.ccls. and hood and filter and valve and charcoal	US-PGPUB; USPAT; USOCR	OR	OFF	2006/05/01 13:15
S82	12	"5875775"	USPAT	OR	OFF	2006/05/01 14:48
S83	45	"5140980"	USPAT	OR	OFF	2006/05/01 14:53
S84	27	"4870959"	USPAT	OR	OFF	2006/05/01 14:54
S85	3	"2191958"	USPAT; EPO	OR	OFF	2006/05/01 14:55
S86	1	"0356000"	USPAT; EPO	OR	OFF	2006/05/01 14:55
S87	12	"6055983"	USPAT; EPO	OR	OFF	2006/05/01 14:56
S88	17	"4233970"	USPAT; EPO	OR	OFF	2006/05/01 14:56
S89	13	"6158429"	USPAT; EPO	OR	OFF	2006/05/01 14:56
S90	20061	cross-section and cartridge	US-PGPUB; USPAT; USOCR	OR	OFF	2006/05/10 13:41
S91	293	cross-section and cartridge and "128"/\$.ccls.	US-PGPUB; USPAT; USOCR	OR	OFF	2006/05/10 13:41
S92	123	cross-section and cartridge and "128"/\$.ccls. and filter	US-PGPUB; USPAT; USOCR	OR	OFF	2006/05/10 13:42
S93	259	charcoal and "128"/\$.ccls.	USPAT	OR	OFF	2006/05/10 14:36
S94	14	charcoal and "128"/\$.ccls. and receptacle	USPAT	OR	OFF	2006/05/10 14:38
S95	193	charcoal and "128"/\$.ccls. and activated	USPAT	OR	OFF	2006/05/10 14:38
S96	22	charcoal and "128"/\$.ccls. and activated and loose	USPAT	OR	OFF	2006/05/10 14:38
S97	26	charcoal and "128"/\$.ccls. and activated and loose	US-PGPUB; USPAT	OR	OFF	2006/05/10 14:40
S98	44	charcoal and "128"/\$.ccls. and activated and cloth	US-PGPUB; USPAT	OR	OFF	2006/05/10 14:41

## EAST Search History

S99	201	(55/516).CCLS.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2006/05/11 09:11
S10 0	345	(55/518).CCLS.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2006/05/11 09:19
S10 1	327	(55/dig.35).CCLS.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2006/05/11 09:54
S10 2	167	(96/151).CCLS.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2006/05/11 09:29
S10 3	2	("4870959").PN.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2006/05/11 09:54
S10 4	1	("4807614").PN.	USPAT; USOCR	OR	OFF	2006/05/11 10:11

## EAST Search History

S10 5	47	(US-20030131846-\$ or US-20050121029-\$ or US-20040025880-\$).did. or (US-5372130-\$ or US-2744523-\$ or US-5052385-\$ or US-5186165-\$ or US-4233970-\$ or US-4873972-\$ or US-6783566-\$ or US-6817358-\$ or US-2269461-\$ or US-5080094-\$ or US-7007690-\$ or US-6907878-\$ or US-6016804-\$ or US-6134716-\$ or US-6158429-\$ or US-5526804-\$ or US-6371116-\$ or US-4754751-\$ or US-4630604-\$ or US-4592350-\$ or US-5797974-\$ or US-2744524-\$ or US-5226412-\$ or US-4179274-\$ or US-5240479-\$ or US-5776213-\$). did. or (US-5140980-\$ or US-4793342-\$ or US-6536435-\$ or US-6216693-\$ or US-5875775-\$ or US-5941244-\$ or US-6763835-\$ or US-5452712-\$ or US-6758212-\$ or US-6055983-\$ or US-5158077-\$ or US-2744525-\$ or US-5505197-\$ or US-4807614-\$ or US-1453365-\$ or US-4870959-\$ or US-5063926-\$). did. or (EP-558147-\$).did.	US-PGPUB; USPAT; EPO	OR	OFF	2006/05/11 10:18
S10 6	12	S105 and snap	US-PGPUB; USPAT	OR	OFF	2006/05/11 10:20
S10 7	55	"128"/\$.ccls. and snap and hood and filter	US-PGPUB; USPAT	OR	OFF	2006/05/11 10:32
S10 8	19	"128"/\$.ccls. and (snap or clip) and hood and (cartridge or cannister)	US-PGPUB; USPAT	OR	OFF	2006/05/11 10:33
S10 9	90	"128"/\$.ccls. and (snap or clip) and hood and filter	US-PGPUB; USPAT	OR	OFF	2006/05/11 10:47
S11 0	7	"128"/\$.ccls. and plaited	US-PGPUB; USPAT	OR	OFF	2006/05/11 10:47
S11 1	138	"128"/\$.ccls. and pleat	US-PGPUB; USPAT	OR	OFF	2006/05/11 10:47
S11 2	29	"128"/\$.ccls. and pleat and neck and seal	US-PGPUB; USPAT	OR	OFF	2006/05/11 10:53
S11 3	6	neck and seal and plaited	US-PGPUB; USPAT	OR	OFF	2006/05/11 10:53

## EAST Search History

S11 4	48	(US-20030131846-\$ or US-20050121029-\$ or US-20040025880-\$).did. or (US-5372130-\$ or US-2744523-\$ or US-5052385-\$ or US-5186165-\$ or US-4233970-\$ or US-4873972-\$ or US-6783566-\$ or US-6817358-\$ or US-2269461-\$ or US-5080094-\$ or US-7007690-\$ or US-6907878-\$ or US-6016804-\$ or US-6134716-\$ or US-6158429-\$ or US-5526804-\$ or US-6371116-\$ or US-4754751-\$ or US-4630604-\$ or US-4592350-\$ or US-5797974-\$ or US-2744524-\$ or US-5226412-\$ or US-4179274-\$ or US-5240479-\$ or US-5776213-\$). did. or (US-5140980-\$ or US-4793342-\$ or US-6536435-\$ or US-6216693-\$ or US-5875775-\$ or US-5941244-\$ or US-6763835-\$ or US-5452712-\$ or US-6758212-\$ or US-6055983-\$ or US-5158077-\$ or US-2744525-\$ or US-5505197-\$ or US-4807614-\$ or US-1453365-\$ or US-4870959-\$ or US-5063926-\$ or US-6176239-\$).did. or (EP-558147-\$).did.	US-PGPUB; USPAT; EPO	OR	OFF	2006/05/11 11:10
S11 5	9	S105 and silicone and rubber	US-PGPUB; USPAT	OR	OFF	2006/05/11 11:11
S11 6	11	S105 and disposable	USPAT	OR	OFF	2006/05/11 11:40
S11 7	1	S105 and pocket and size	USPAT	OR	OFF	2006/05/11 11:40
S11 8	46	"5140980"	USPAT	OR	OFF	2006/05/11 12:40
S11 9	0	S105 and biologic	USPAT	OR	OFF	2006/05/11 12:40
S12 0	1	S105 and biologic	US-PGPUB; USPAT	OR	OFF	2006/05/11 12:45
S12 1	1	"128"/\$.ccls. and filter and hood and biologic	US-PGPUB; USPAT	OR	OFF	2006/05/11 12:46
S12 2	14	"128"/\$.ccls. and filter and (hood or mask) and biologic	US-PGPUB; USPAT	OR	OFF	2006/05/11 12:47
S12 3	20	"5063926"	US-PGPUB; USPAT	OR	OFF	2006/05/11 12:47
S12 4	1015	(hood or mask) and filter and biologic	US-PGPUB; USPAT	OR	OFF	2006/05/11 12:47
S12 5	2	(hood or mask) and filter and (biologic with warfare)	US-PGPUB; USPAT	OR	OFF	2006/05/11 12:52

## EAST Search History

S12 6	233	(hood or mask) and filter and (biological with warfare)	US-PGPUB; USPAT	OR	OFF	2006/05/11 12:55
S12 7	15	"5875775"	US-PGPUB; USPAT	OR	OFF	2006/05/11 12:55
S12 8	15	"5063926"	USPAT	OR	OFF	2006/05/11 13:36

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